

Claims

1. Assembly of a vehicle and a coupling assembly for it, the coupling assembly comprising a first coupling member provided with a connection member for a car trailer or an accessory, such as a bike rack, and a second coupling member with which the first coupling member can be coupled to
5 connect it to the vehicle, the vehicle comprising a chassis having a transverse beam situated at the rear side of the vehicle, the second coupling member being permanently or undetachably attached to the transverse beam.
2. Coupling assembly according to claim 1, the second coupling member
10 being welded fixed to the transverse beam.
3. Coupling assembly according to claim 1 or 2, the second coupling member being placed in the transverse beam.
- 15 4. Coupling assembly according to claim 3, the transverse beam being tubular having a first wall and an opposite second wall, the second coupling member being permanently or undetachably attached, such as by means of welding, to the first wall.
- 20 5. Coupling assembly according to claim 3 or 4, the transverse beam being tubular having a first wall and an opposite second wall, the second coupling member being permanently or undetachably attached, such as by means of welding, to the second wall.
- 25 6. Coupling assembly according to claim 4 or 5, the first wall and the second wall of the tubular transverse beam forming an upper wall and a lower wall,

respectively, of the transverse beam.

7. Assembly according to any one of the preceding claims, the second coupling member furthermore being provided with an eye for a hauling or
5 towing cable.

8. Coupling assembly according to claims 6 and 7, a third wall connecting the first and second wall of the transverse beam being provided with an opening for access to the eye, the eye preferably extending at least partially
10 through the opening to the outside.

9. Assembly according to any one of the preceding claims, the second coupling member being provided with a placement flange for abutment to the outside of the transverse beam, the flange being preferably at least almost
15 circumferential.

10. Assembly according to any one of the preceding claims, the second coupling member furthermore being provided with one or more means for attachment of a safety cable.
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11. Assembly according to any one of the preceding claims, in which the first coupling member can be detachably coupled to the second coupling member.

25 12. Assembly according to any one of the preceding claims, the first coupling member being dividable into a first part that can be coupled to the second coupling member and a second part that can be connected to an operation member, such as a hitch ball.

30 13. Assembly according to claim 12, the second part being plate-shaped and provided with holes for bolts for attachment of the operation member.

14. Assembly according to claim 12, the second part defining an accommodation sleeve for accommodation of an insertion member of the operation member.
- 5 15. Assembly according to any one of the preceding claims, the second coupling member being made of steel, particularly metal, and obtained by injection moulding.
- 10 16. Assembly according to any one of the preceding claims, the first coupling member comprising an insertion member and the second coupling member comprising an accommodation member, in which the insertion member can be coupled in the accommodation member.
- 15 17. Vehicle having a chassis, the chassis being provided with a coupling member that is permanently fixed and undetachably connected to it, for detachable coupling to a further coupling member for a connection member for an accessory, such as a car trailer or bike rack, to be taken along by the vehicle, such as by towing or carrying.
- 20 18. Vehicle according to claim 17, the chassis comprising a transverse beam situated at the rear, the coupling member being fixedly attached to the transverse beam.
- 25 19. Vehicle according to claim 18, the coupling member being welded fixed to the transverse beam.
20. Vehicle according to claim 18 or 19, the transverse beam being tubular and the coupling member extending into the transverse beam.
- 30 21. Vehicle according to claim 20, the transverse beam being polygonal in cross-section, the coupling member being permanently or undetachably attached to at least two of the sides of the polygon.

22. Vehicle according to claim 19, the coupling member being welded fixed to the transverse beam, by means of a placement flange forming a unity therewith.

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23. Vehicle according to any one of the claims 17-22, the coupling member furthermore being provided with an eye for a hauling or towing cable.

24. Vehicle according to any one of the claims 17-22, the coupling member
10 furthermore being provided with one or more means for attaching a safety cable.

25. Coupling member suitable and intended for a coupling assembly according to any one of the claims 1-16.

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26. Coupling assembly suitable and intended for an assembly according to any one of the claims 1-16.

27. Coupling member suitable and intended for a vehicle according to any
20 one of the claims 17-24.

28. Assembly of a vehicle and a coupling assembly for it, the coupling assembly being provided with an eye for a hauling or towing cable.

25 29. Assembly according to claim 28, the coupling assembly furthermore being provided with one or more means for attaching a safety cable.

30. Assembly according to claim 28 or 29, the coupling assembly comprising a tow hitch.

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31. Assembly according to claim 28, 29 or 30, the coupling assembly comprising a first coupling member provided with a connection member for a

car trailer or an accessory, such as a bike rack, and a second coupling member with which the first coupling member can be coupled to connect it to the vehicle, the eye and/or the means for attaching a safety cable forming a unity with the second coupling member.

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32. Assembly according to claim 31, the vehicle comprising a chassis having a transverse beam situated at the rear side of the vehicle, the second coupling member being permanently or undetachably attached to the transverse beam.

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33. Coupling assembly for vehicles, provided with one or more of the features as described in any one of the claims 28-32.

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34. Coupling assembly provided with one or more of the characterising measures described in the attached description and/or shown in the attached drawings.

35. Vehicle provided with one or more of the characterising measures described in the attached description and/or shown in the attached drawings.